

Weekly Metrics for June 27 – July 3, 2004

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest Archive	GES DAAC GES DAAC	0.9 0.9	1x Baseline 1x Baseline	1.0 1.0	
ICESat (1/03)	GLAS	L0 Ingest L1 Prod L2-3 Prod Archive Distribution <i>End Users</i> <i>Data Pool</i>	NSIDC NSIDC NSIDC NSIDC NSIDC	41 115 43 199 166	1x Baseline 1x Baseline 1x Baseline Various	33 0 0 33 173 0	H H H H G, N R
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	88	A A A
		L1 Prod	GES DAAC	1,211	Various	380	
		L2 - 3 Prod	GES DAAC	213	3.045x Baseline	80	
		Archive	GES DAAC	1,522	Various	549	
		Distribution	GES DAAC				
		<i>Testing/QA</i>		99		142	
		<i>Production</i>				90	
		<i>End users</i>		471	Various	71	G, N
		<i>Data Pool</i>				79	R
	AMSR-E	L0 Ingest	NSIDC	10	1x Baseline	6	B
		L1 Ingest	NSIDC	28	Various	8	B
		L2-L3 Prod	GHRC	77	3.045x Baseline	42	C
		Archive	NSIDC	114	Baseline	56	C
		Distribution	NSIDC				
		<i>Production</i>			6		
		<i>End Users</i>		35	1.015x Baseline	172	G, N
		<i>Data Pool</i>				18	R
	CERES	Archive	ASDC ASDC	496	Various	TBD	See Footnote Q
		Distribution					
		<i>Testing/QA</i>	1,421	IT Requirements	TBD		
		<i>End Users</i>	109	1.015x Baseline	TBD		
	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	503	L, P
L1 Prod		GES DAAC	7,569	Various	2,407		
L2-L4 Prod		MODAPS	12,789	3.045x Baseline	14,064		
Archive		LP DAAC	7,034	Various	12,489		
		GES DAAC	12,989	Various	3,932		
		NSIDC	853	Various	532	L, P P	
Distribution		LP DAAC					
<i>Testing/QA</i>			23	IT Requirements	0	G, N R	
<i>End User</i>			2,345	1.015x Baseline	158		
<i>Data Pool</i>				2			
		Distribution	GES DAAC	362	IT Requirements	859	G, N R
	<i>Testing/QA</i>				3,153		
	<i>Production</i>		4,157	1.015x Baseline	1,061		
	<i>End Users</i>				460		
	<i>Data Pool</i>		NSIDC				G, N R
	Distribution						
	<i>End User</i>			284	1.015x Baseline	0.3	G, N
	<i>Data Pool</i>					0	R
METEOR 3M (12/01)	SAGE III	Archive	ASDC	0.9	Various	0.1	D
		Distribution	ASDC				
		<i>Production</i>				0.1	
		<i>End Users</i>		0.02	1.015x Baseline		G, N

ACRIMSAT (12/99)	ACRIM 3	Archive	ASDC	1	1x Baseline	0	D
Terra (12/99)	ASTER	L1A Ingest	LP DAAC	680	1x Baseline	459	E
		L1B Ingest	LP DAAC	271	1.015x Baseline	105	E
		L1B Archive	LP DAAC	271	1.015x Baseline	106	E
		L2-L3 Prod	LP DAAC	1,221	3.045x Baseline	264	E
		Archive	LP DAAC	2,173	Various	830	E
		Distribution					
		<i>Production</i>				182	
		<i>End Users</i>		1,221	1.015x Baseline	198	G, N
		<i>Data Pool</i>				0	R
	CERES	Archive	ASDC	357	Various	TBD	See Footnote Q
		Distribution	ASDC	1,421	IT Requirements	TBD	
Terra (12/99)		<i>Testing/QA</i>		119	1.015x Baseline	TBD	
		<i>End Users</i>					
	MISR	L0 Ingest	ASDC	249	1x Baseline	254	
		L1 Prod	ASDC	3,359	Various	3,031	
		L2-L3 Prod	ASDC	285	3.045x Baseline	315	
		Archive	ASDC	3,894	Various	3,602	
		Distribution	ASDC				
		<i>Testing/QA</i>		137	IT Requirements	429	
		<i>Production</i>				1,622	
		<i>End Users</i>		1,215	1.015x Baseline	1,974	G, N
		<i>Data Pool</i>				3	R
Terra (12/99)	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	526	
		L1 Prod	GES DAAC	7,570	Various	2,565	
		L2-L4 Prod	MODAPS	12,789	3.045x Baseline	3,259	M
		Archive	LP DAAC	7,034	Various (L2-L4)	2,629	L, M, P
			GES DAAC	12,990	Various (L0-L4)	3,625	M, P
			NSIDC	853	Various (L2-L3)	100	L, M, P
		Distribution	LP DAAC				M, P
		<i>Testing/QA</i>		23	IT Requirements	2	
		<i>End Users</i>		2,345	1.015x Baseline	4,640	G, N
		<i>Data Pool</i>				4	R
		Distribution	GES DAAC				
Terra (12/99)		<i>Testing/QA</i>		362	IT Requirements	842	
		<i>Production</i>				5,987	
		<i>End users</i>		4,157	1.015x Baseline	2,361	G, N
		<i>Data Pool</i>				168	R
		Distribution	NSIDC				
		<i>End Users</i>		284	1.015x Baseline	28	G, N
		<i>Data Pool</i>				0	R
	MOPITT	L0 Ingest	ASDC	2	1x Baseline	2	
		L1 Prod	SIPS	2	Various	0	I
		L2 Prod	SIPS	2	3.045x Baseline	0	I
		Archive	ASDC	6	Various	3	I
Terra (12/99)		Distribution	ASDC				
		<i>Production</i>				3	
		<i>End Users</i>		1	1.015x Baseline	17	G, N
		<i>Data Pool</i>				17	R
	ADEOS-II (12/02)	Archive (L0+)	PO DAAC			0	
		Distribution	PO DAAC			5	O
	Jason-1 (12/01)	Archive (L0+)	PO DAAC			8	
		Distribution	PO DAAC	NA	NA	19	J
	QuikScat (6/99)	Archive (L0+)	PO DAAC			130	
		Distribution	PO DAAC	109	Weekly Average	73	J
TOPEX (8/92)	Poseidon	Archive (L1+)	PO DAAC			0	
		Distribution	PO DAAC	24	Weekly Average	34	J

Other Missions	Various Instruments	Archive (L2+) Distribution	PO DAAC PO DAAC	NA	NA	137 168	K
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Notes:

- A. Represents regular forward production only. No reprocessing was done, since current phase of major reprocessing was completed on June 20.
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirements is in process. L1 products are processed in Japan and sent to the US.
- C. Includes forward processing for June 20-26, 2004 and reprocessing for November/December 2002.
- D. Data from this instrument is not transmitted to DAAC daily.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. In June 2003, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
- F. Includes forward and reprocessing.
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- H. Since November 19, 2003, GLAS laser operates during intermittent observing periods to conserve laser power. Only the raw data product is delivered on a daily basis to the DAAC.
- I. Archival volumes for MOPII L1-L2 at LaRC products are dependent on MOPITT SIPS production schedule.
- J. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- K. Includes distribution of educational materials.
- L. Actual volume does not include the MODIS ocean color products processed at SeaDAS (SeaWIFS Data Analysis System).
- M. Very little or no reprocessing of MODIS products was done.
- N. Does not include the distribution by data pool.
- O. Currently distribution of ADEOS-II data is limited to the instrument team members for calibration/validation purposes.
- P. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule. Values reported here represent what have been archived at DAACs. MODAPS production volume could be different.
- Q. No information is available.
- R. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics information, further breakdown by user category (e.g., data producers, end users) is not possible at this time.

** Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:*

Processing Level	1 st year after launch	2 nd year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.